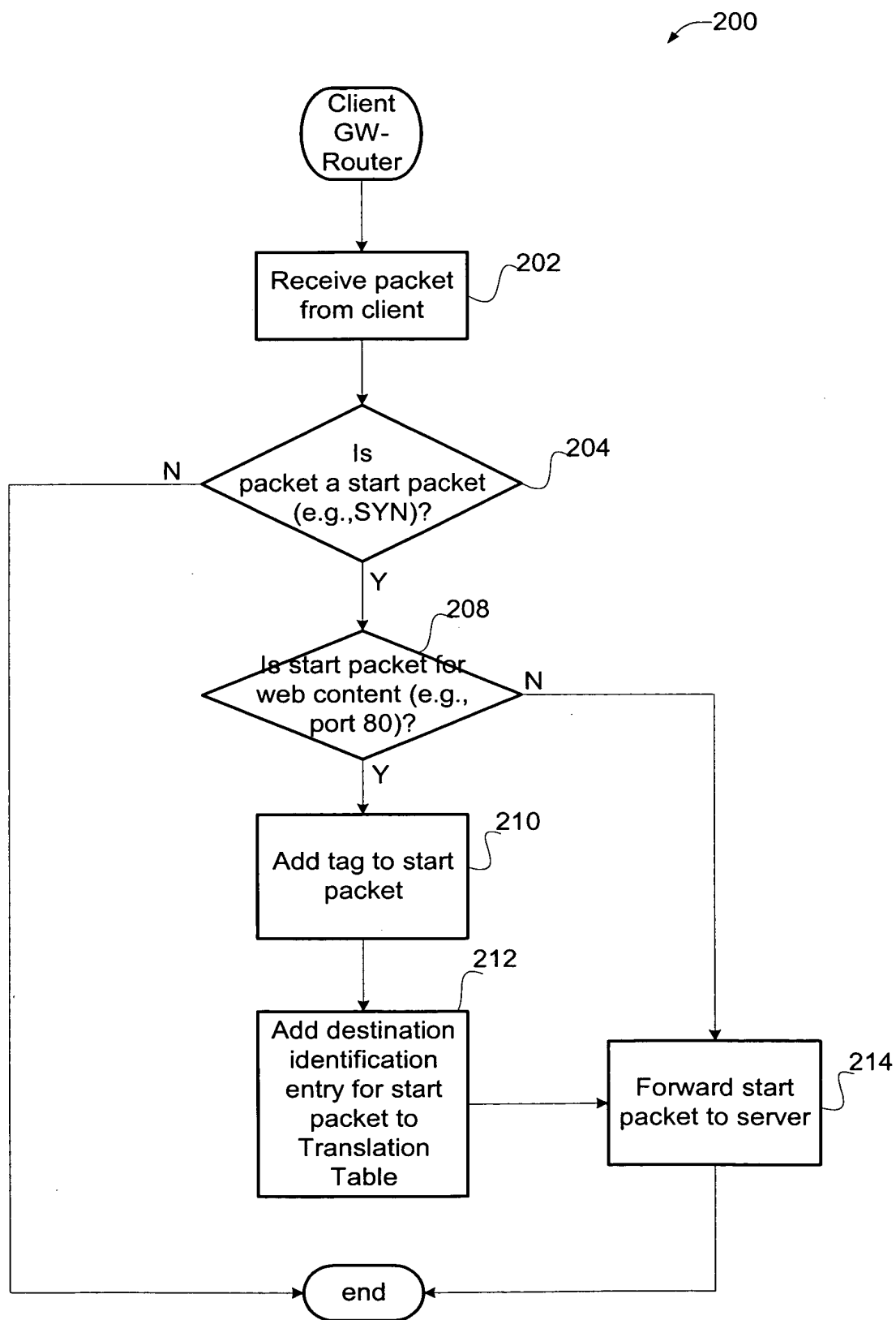


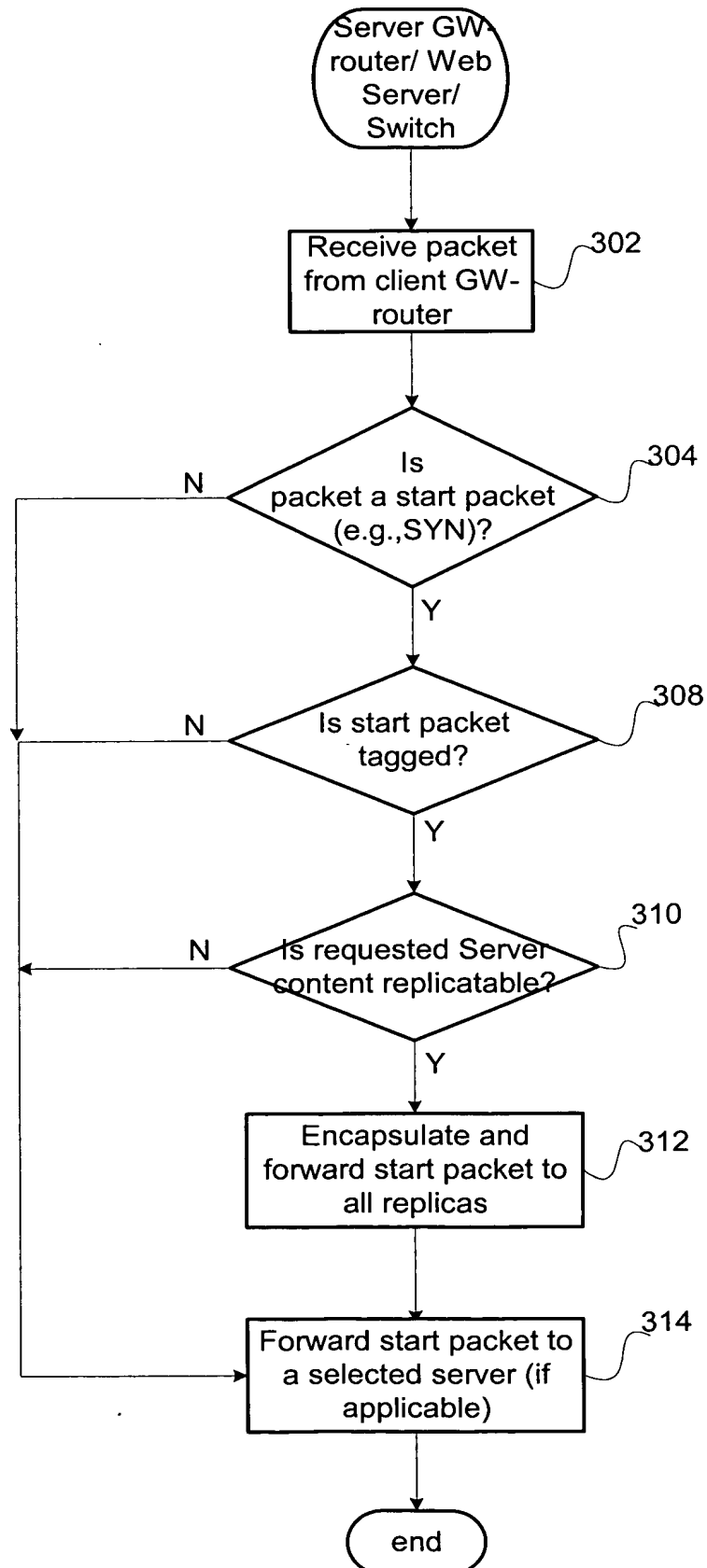
Fig. 1

# 1. Introduction



**Fig. 2**

300



Receive packet from client GW-router 302

```

graph LR
    N((N)) --> D{Is packet a start packet  
(e.g., SYN)?}
    D --> S((S))
    D --> R((R))
    S --> E1(( ))
    R --> E2(( ))
    E1 --- E2
    E2 --> F(( ))
    F --> D
    style E1 fill:none,stroke:none
    style E2 fill:none,stroke:none
    style F fill:none,stroke:none
    
```

```

graph LR
    N((N)) --> D{Is start packet tagged?}
    D --> 308((308))

```

```

graph LR
    N((N)) --> D{Is requested Server content replicatable?}
    D --> 310((310))

```

Encapsulate and forward start packet to all replicas 312

Forward start packet to a selected server (if applicable) 314

```

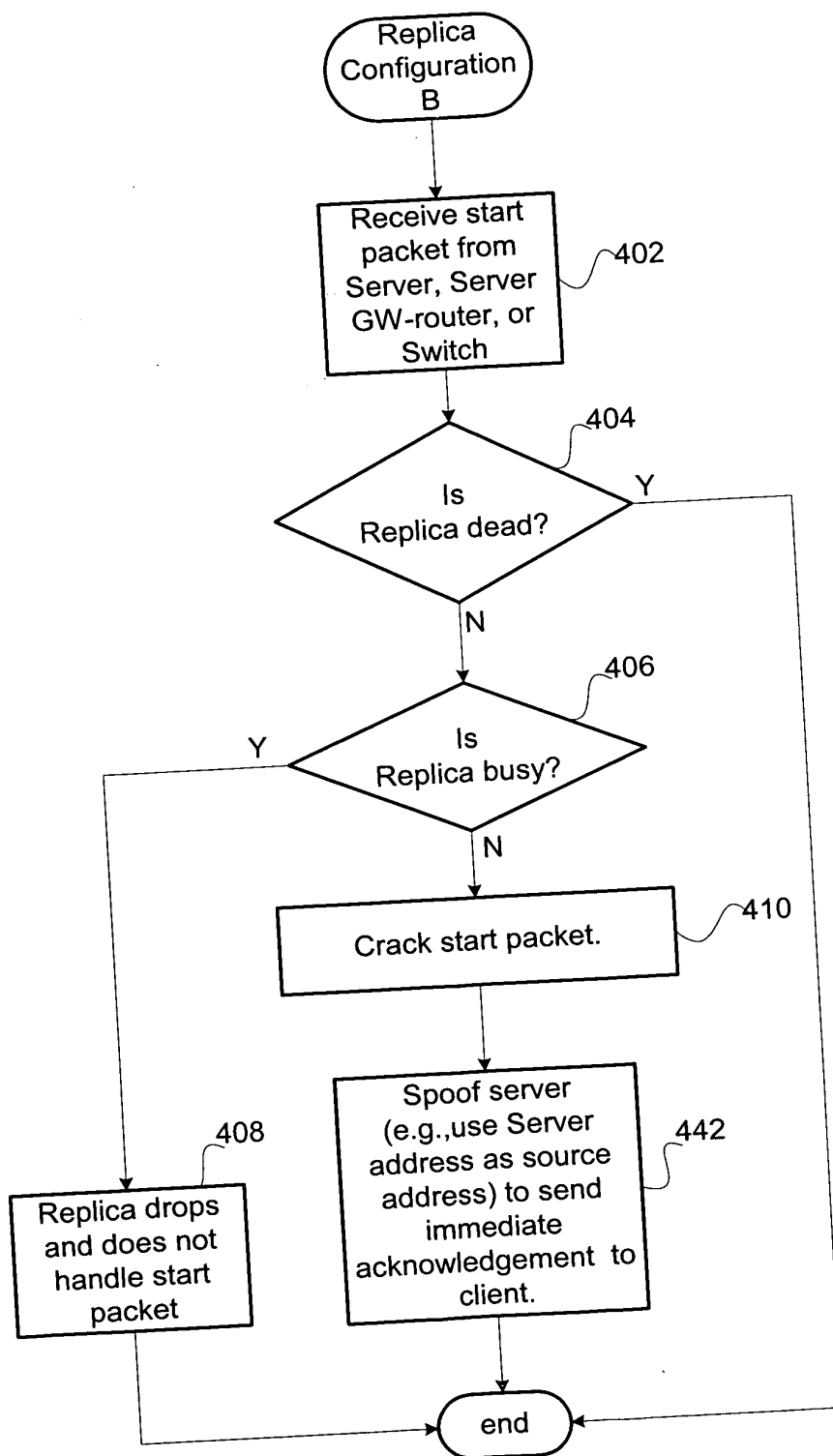
graph TD
    Start([Start]) --> Read[Read]
    Read --> Print[Print]
    Print --> End([end])
  
```

**Fig. 3**



**Fig. 4A**

430

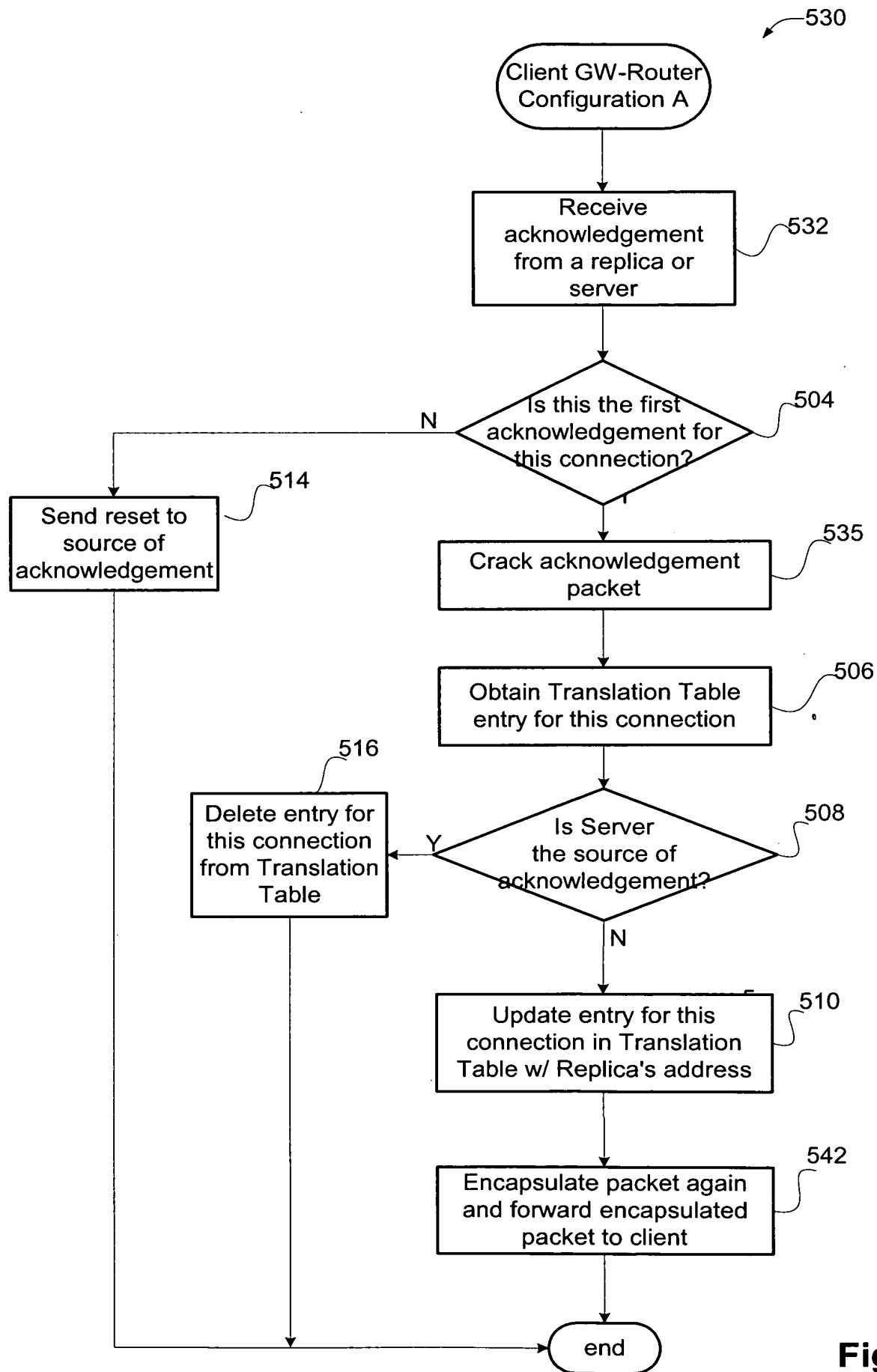


**Fig. 4B**





**Fig. 5A**



**Fig. 5B**



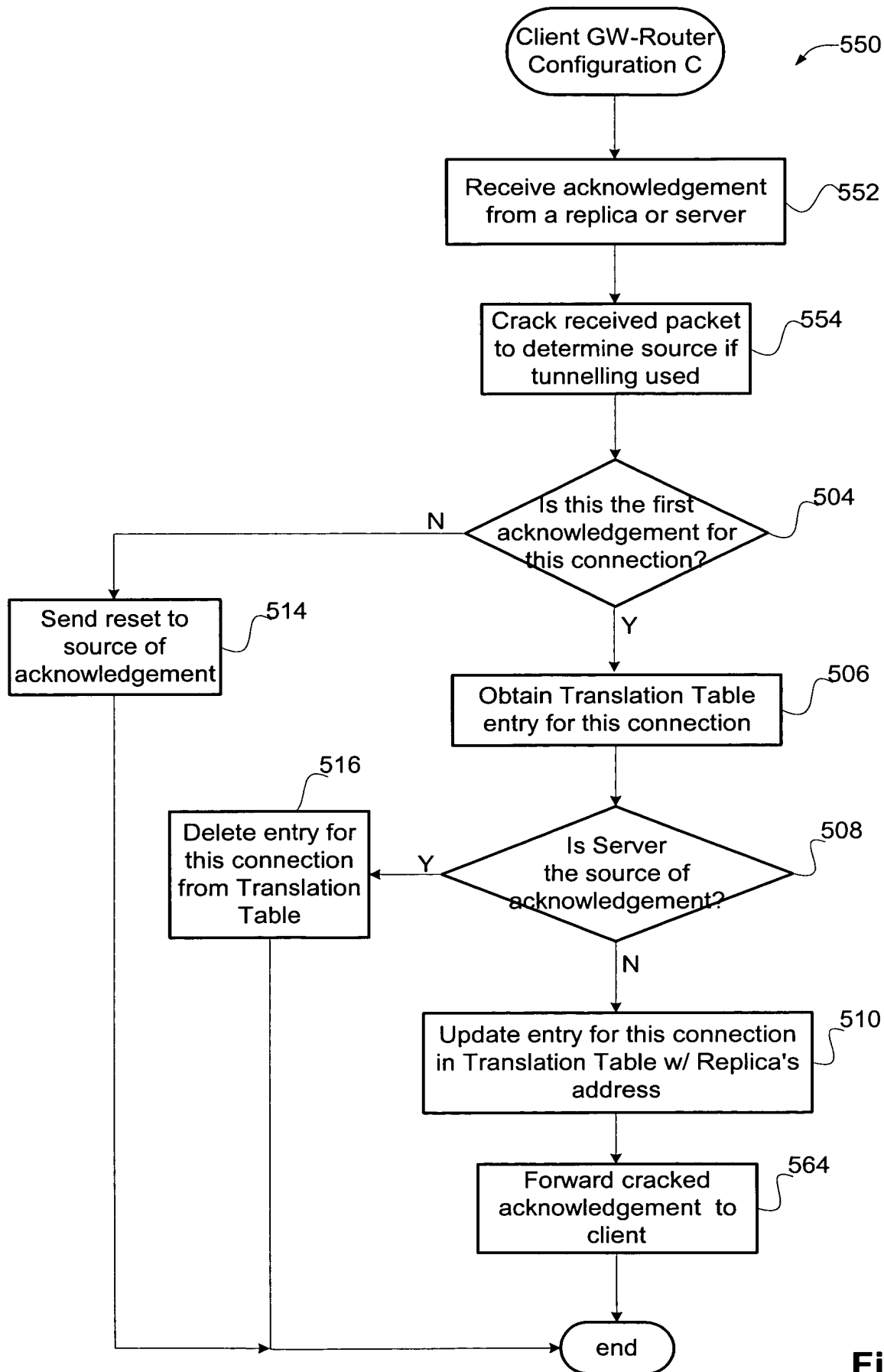
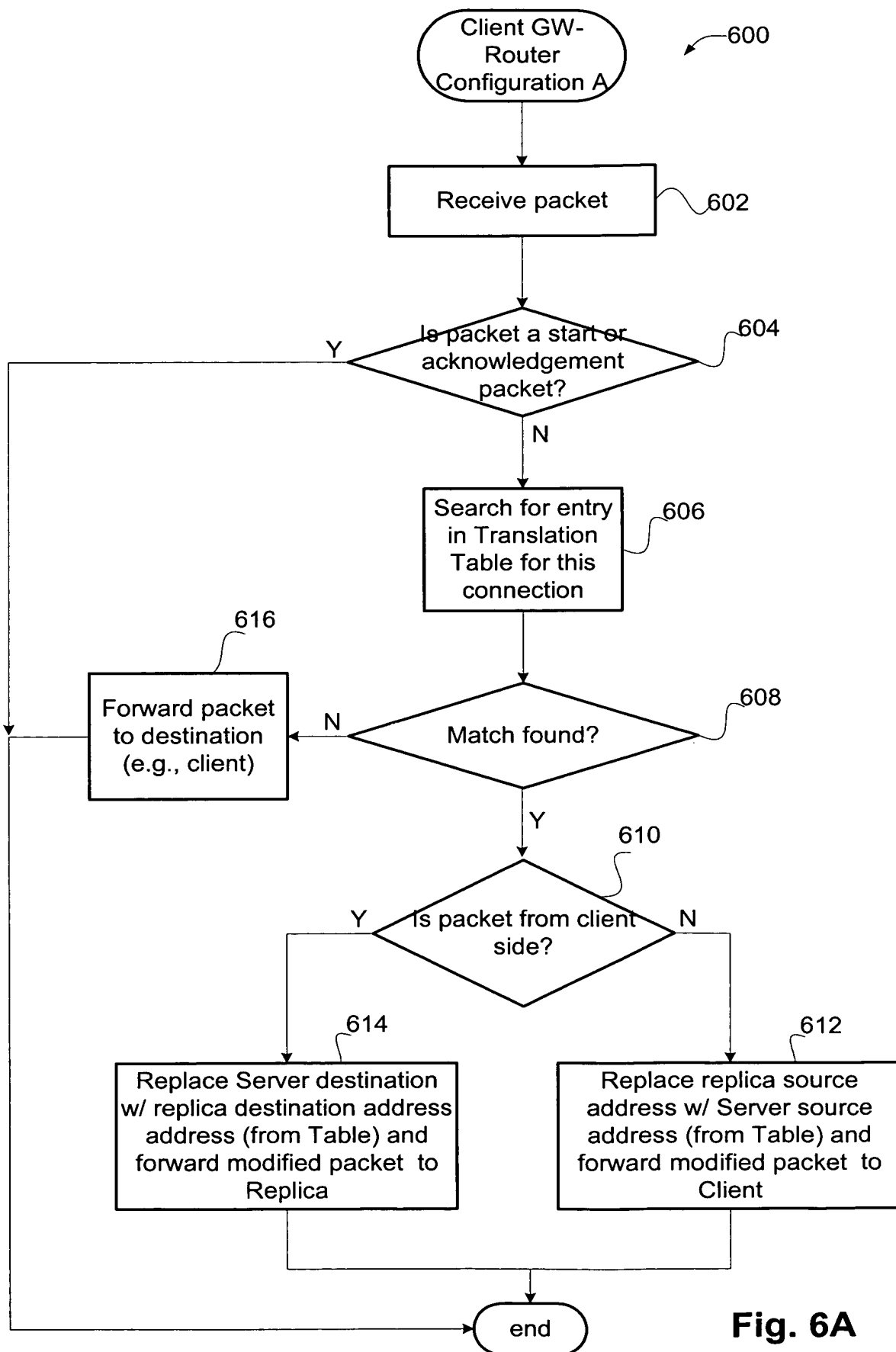
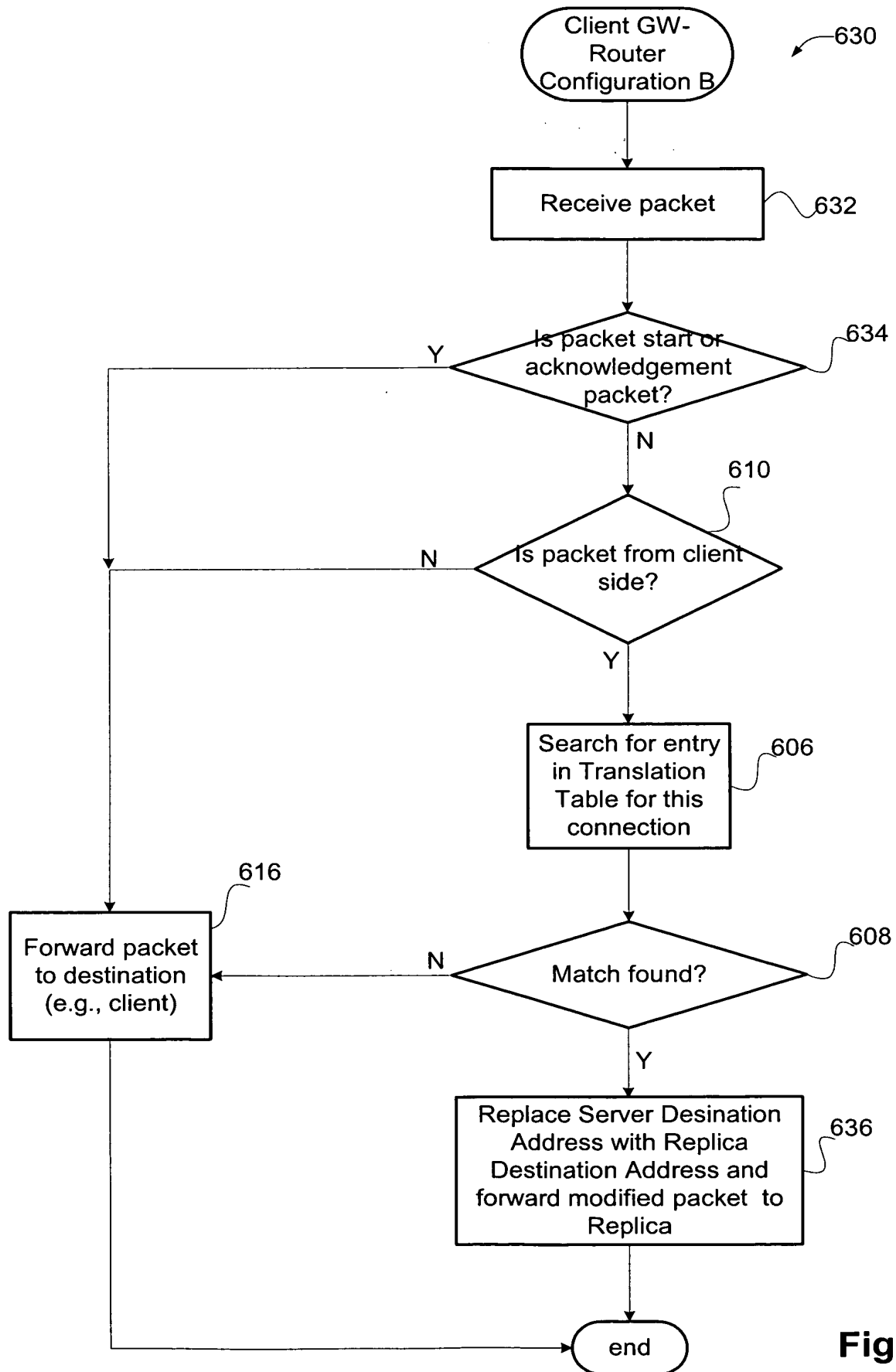


Fig. 5C



**Fig. 6A**



**Fig. 6B**

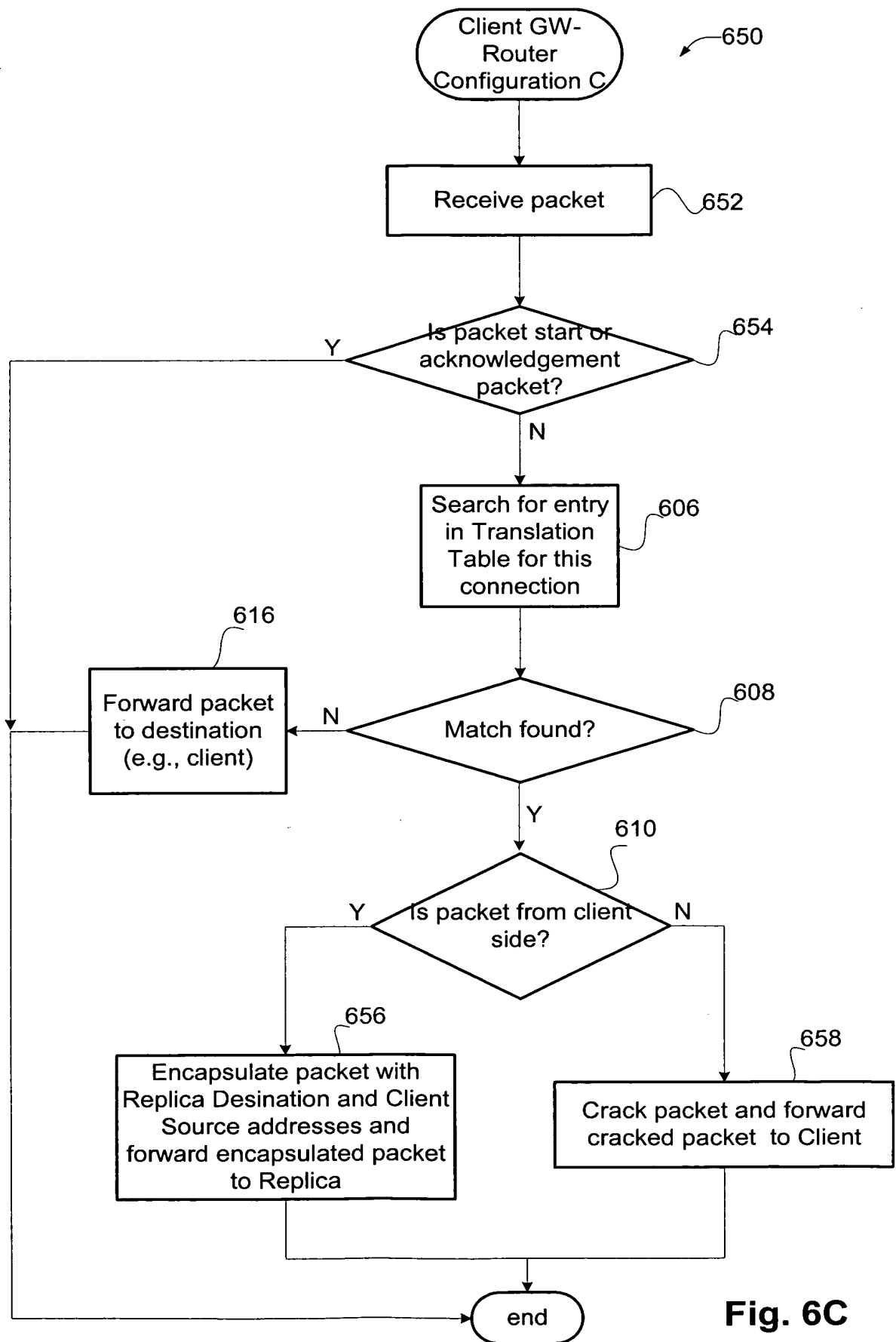


Fig. 6C

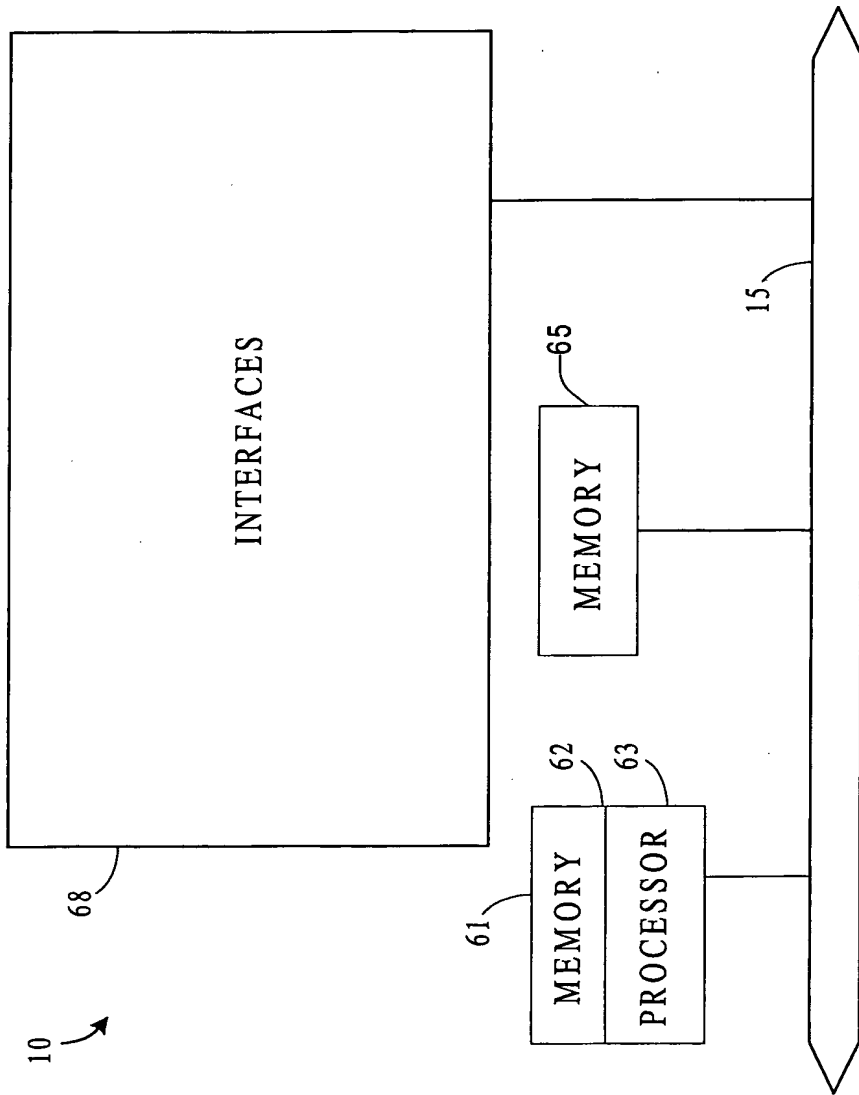


Fig. 7